STATE OF MARYLAND

MARYLAND HEALTH CARE COMMISSION

INSTITUTIONAL REVIEW BOARD

Data Request Application

Introduction

The *Maryland Health Care Commission* (MHCC) is required by law to report overall health care spending by major health care service categories. To support reporting and health planning responsibilities, MHCC was given the authority to collect and maintain information on non-hospital services provided to Maryland residents by physicians, prescription drugs, and post-acute care services, as well as data on DC hospital inpatient admissions by Maryland residents. Researchers and other users may request any of the data items from the various data systems. Prior to the release of data, the requestor must enter into a contract with MHCC and is subject to assessment by MHCC's Institutional Review Board (IRB).1

The IRB application must be answered in detail and supplemental information may be requested during the application process. A favorable recommendation by the IRB for data release must receive majority approval from the commissioners representing MHCC at its monthly public meeting. Requests for information from students must have the endorsement of the educational institution the student attends.

The following data systems require IRB approval:

Medical Care Data Base (MCDB)

- <u>Professional Services</u> Data on services provided by health care professionals is collected annually from
 private insurance companies and HMOs that provide coverage to residents of the State of Maryland.
- <u>Prescription Drugs</u> Data collected by prescription benefit management companies on prescription drugs purchased from retail pharmacies and covered under private insurance plans is submitted by private insurance companies and HMOs that provide coverage to residents of the State of Maryland.

Acute Care Data Base

Data on discharges from Maryland acute care hospitals is reported on an annual basis.

Sub-Acute Care Data Base

Data on discharges from subacute care units of Maryland acute care hospitals is reported on a quarterly basis.

District of Columbia Hospital Discharge Data Base

Data on inpatient hospital stays in DC hospitals as reported to the Health Services Cost Review Commission under its rate setting authority and in cooperation with the DC Hospital Association.

¹ A copy of COMAR 10.25.11 is available at http://www.dsd.state.md.us/comar/ Click **①** under Search Options - enter 10.25.11.04 and click search − click 10.25.11.04.htm (underlined in red under "Search Results" to view full text.



Marilyn Moon, Ph.D. Chair

Vice President and Director, Health Program American Institutes for Research

Gail R. Wilensky, Ph.D. Vice Chair

Senior Fellow, Project Hope

Reverend Robert L. Conway

Retired Principal and Teacher Calvert County Public School System

Garret A. Falcone, NHA

Executive Director Charlestown Retirement Community

Tekedra McGee Jefferson, Esquire

Assistant General Counsel AOL LLC

Sharon K. Krumm, R.N., Ph.D.

Administrator & Director of Nursing The Sidney Kimmel Cancer Center Johns Hopkins Hospital

Jeffrey D. Lucht, FSA, MAAA

Aetna Health, Inc.

Barbara Gill McLean, M.A.

Retired, Senior Policy Fellow University of Maryland School of Medicine

Roscoe M. Moore, Jr., D.V.M., Ph.D., D.Sc.

Retired, U.S. Department of Health And Human Services

Kurt B. Olsen, Esquire

Klafter and Olsen LLP

Sylvia Ontaneda-Bernales, Esquire

Ober, Kaler, Grimes & Shriver

Darren W. Petty

Vice President
Maryland State and DC AFL-CIO
General Motors/United Auto Workers

Andrew N. Pollak, M.D.

Associate Professor, Orthopaedics University of Maryland School of Medicine

Sheri D. Sensabaugh

Small Business Owner ACT Personnel Service, Inc.

Nevins W. Todd, Jr., M.D.

Cardiothoracic and General Surgery Peninsula Regional Medical Center

Application Process

- Part A -Complete organization, key personnel, and funding information.
- Part B -Explain study purpose, content, goals, and time frame.
- Part C -Review & sign MHCC Agreement for Use of Data.
- Part D -Review & sign Statement of Confidentiality.
- Part E Certification of Data Destruction Form.
- Part F -MHCC Data Sources w/ list of available data elements ♥
 - Medical Care Data Base Professional Services
 - Medical Care Data Base Prescription Drugs
 - **3** Maryland Subacute Survey
 - **4** DC Hospital Discharge Data Base

MHCC STAFF

CONTACT

Note: Extract available on CD in two formats:

- (1) Zipped SAS Data File
- (2) Zipped Microsoft Access File
- (3) Zipped Microsoft Excel File

DAVID SHARP, Ph.D. 410-764-3578

INSTITUTIONAL REVIEW BOARD REPRESENTATIVES

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Frank Chase Retired HCFA Employee

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L. Timothy Caslin Retired Lieutenant, Baltimore County Police Department, Towson, Maryland

MARYLAND HEALTH CARE COMMISSION Data Request Application

| Start Date of Study | End Date of Study |
|---------------------|-------------------|
| | |

PART A

| Organization Name Organization Address (street, city, state, Zip Code) | | | | |
|---|---|---------------------|-------|---|
| Organization Address (street, city, state, Zip Code) | | | | |
| Organization Address (street, city, state, Zip Code) | | | | |
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| Organization Address (street, city, state, Zip Code) | Organization Name | | | |
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| Dhona Eav | Organization Address (street, city | y, state, Zip Code) | | |
| Dhone Eov - U | Organization Address (street, city | y, state, Zip Code) | | |
| Dhone Eov E !! | Organization Address (street, city | y, state, Zip Code) | | |
| Dhone Eov - " | Organization Address (street, city | y, state, Zip Code) | | |
| Phone Fax Email | Organization Address (street, city | y, state, Zip Code) | | |
| | Organization Address (street, city Phone | y, state, Zip Code) | Email | |
| Phone Foy - 1 | Organization Address (street, city | y, state, Zip Code) | | |

| Principal Investigator (Name & T | Title) | | |
|-----------------------------------|-----------------------------------|-------------------|-------|
| | | | |
| Principal Investigator Addres | s (include street, city, s | tate, zip code) | |
| | | | |
| | | | |
| | | | |
| Phone | Fax | | Email |
| | | | |
| Co-Investigator #1 (Name & Title | e) | | |
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| Describe association of co-inves | stigator #1 to principal i | nvestigator. | |
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| Describe the responsibility of co | -investigator #1 in rese | earch activities. | |
| | | | |
| Explain method for assigning co | -investigator #1 data a | ccess. | |
| | | | |
| Co-Investigator #1 Address (If di | ifferent than principal inve | stigator) | |
| | | | |
| | | | |
| | | | |
| Phone | Fax | | Email |

| Co-Investigator #2 Investigate | or (Name & Title) | | | |
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| Describe association of co-inves | stigator #2 to principal inves | stigator. | | |
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| Describe the responsibility of co | -investigator #2 in research | activities. | | |
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| Explain method for assigning co | -investigator #2 data acces | S. | | |
| | | | | |
| Co-Investigator #2 Address (If di | fferent from principal investigat | itor) | | |
| | | | | |
| | | | | |
| Phone | Fax | Email | | |
| | 1 | | | |
| Co-Investigator #3 (Name & Title | ······································ | | | |
| | | | | |
| Describe association of co-inves | stigator #3 to principal inves | stigator. | | |
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| Describe the responsibility of co | -investigator #3 in research | activities. | | |
| | | | | |
| Explain method for assigning co | -investigator #3 data acces | S. | | |
| | | | | |
| Co-Investigator #3 Address (If di | fferent than principal investigat | tor) | | |
| | | | | |
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| Phone | Fax | Email | | |
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| Describe the fur | nding source for this | s project. | | |
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| Will support org | anization(s) be invo | lved? (If yes, | please explain in | detail.) |
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| PROJECT STA | TUS <mark>(NOTE: "Inse</mark> i | rt" key must be | on to overwrite be | ox with "X"). |
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| | Continuation w/ | | | OTHER, please explain. |
| New Protocol | changes | Grant | Academic | CTTER, prodoc oxpidin. |
| | | Ш | Ш | Ш |

PART B

(NOTE: "Insert" key must be on to overwrite box with "X").

| (1) WHAT SENSITIVE DATA ELEMENTS WILL BE INC | CLUDED IN YOUR STUDY? |
|---|--|
| Patient Identifier Patient Zip Code Practitioner Zip Code Procedure Codes Diagnosis Code | Patient Covered by Other Insurance Coverage Type & Delivery System Practitioner Specialty Designation All of the listed elements |
| (2) WHICH OF THE FOLLOWING NON-INSTITUTIONAL SERVICES WILL BE INCLUDED IN YOUR STUDY? | (3) WHICH OF THE FOLLOWING SERVICES WILL BE INCLUDED IN YOUR STUDY? |
| Physicians Non-physician health care professionals Free-standing laboratory, radiology, surgical centers Durable Medical Equipment | Fee for Service Specialty Care Capitated Services Both |
| (4) WHICH OF THE FOLLOWING DATA CATEGORIES | S WILL BE INCLUDED IN YOUR STUDY? |
| Billing/Reimbursement Coverage Type Delivery System Type Modifiers I, II Place of Service | Practitioner Specialty Type of Bill Type of Service All of the listed elements |
| (5) WILL YOUR STUDY BE GEOGRAPHICALLY-SPECIFIC TO: | (6) WILL YOUR STUDY BE DATA- SPECIFIC TO: Practitioner Specialty |
| Name of County Statewide | Other Specialty |

(NOTE: "Insert" key must be on to overwrite box with "X").

(7) WILL YOUR STUDY BE PAYER-SPECIFIC?

(8) PLEASE LIST THE TOP TEN PRACTITIONER SPECIALTY AREAS TO BE INCLUDED IN YOUR STUDY. (Please provide

attachment if more than 10 specialties.) 1. 2. 3. (please explain) 4. 5. 6. 7. 8. 9. 10. (9) PLEASE LIST THE TOP SUPPLIER SPECIALTY (10) PLEASE INDICATE THE DATA YEAR(S) TO BE INCLUDED IN YOUR STUDY. AREAS TO BE INCLUDED IN YOUR STUDY. 1. 1998 2003 2. **__**1999 2000 3. 4. 2002 5.

| - | ATA SECURITY MEASURES: Describe the information technology used to maintain health information to the control of the control o |
|---|--|
| • | Management of hardware/software |
| • | Methods used for accessing information, i.e. password protection |
| • | Storage of information & security measures to safeguard electronic data from unwanted exposure |
| • | Mode for safe transmittal of physical & electronic data |
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| (13) |) What service dates will be covered in your study? |
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| | Beginning Date (month/year) |
| | End Date (month/year) |
| (14) |) What scientific or educational benefits do you anticipate will be gained by performing this study? |
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| (15) |) Will the results of your study be published or presented in a public forum? |
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PART C

MHCC AGREEMENT FOR USE OF DATA ACCORDING TO COMAR 10.25.11.12

- 1. This is an Agreement between _______, hereafter referred to as "Requestor," and the Maryland Health Care Commission (MHCC). It is for the purpose of ensuring the confidentiality, integrity, and security of data maintained in the MHCC system of records while allowing for a partial, restricted disclosure of enumerated information and/or records to the Requestor, subject to conditions.
- Conditions stating Scope of Use: The Requestor warrants that the facts, statements, and other representations
 made in its Application to the MHCC Institutional Review Board (IRB) (referred to as "Agreement" hereafter)
 regarding the projected scope of use of the information and all other aspects of the information are complete
 and accurate.
- 3. Conditions Establishing Safeguards for Protection of Data Confidentiality: The Requestor warrants that all patient-specific information will be maintained on a password-protected computer and in a locked office. No patient-specific information will be disclosed to any person or entity outside of the parties stated in the application and all supporting documentation. Requestor shall not disclose, release, reveal, show, sell, lease, loan, or otherwise grant access to the data covered by this Agreement except as expressly authorized under the terms of the Application. Within Requestor's organization, access to the data shall be limited to the minimum number of individuals necessary to achieve the purpose and access shall be granted only on a need-to-know basis.
- 4. Breach of Agreement: Any breach of security or any unauthorized use or disclosure of the data provided by virtue of this Agreement shall constitute a breach of the Agreement. Any violation of state or federal law with respect to disclosure of this data shall constitute a breach of this Agreement. Notwithstanding the breaches specifically enumerated above, any other failure by the Requestor to comply with the terms and obligations of this Agreement may constitute a breach of the Agreement. Any alleged failure of the MHCC to immediately claim or act upon a breach does not constitute a waiver of a breach.
- 5. Consequences upon Breach of Agreement: In the event that MHCC, in its sole discretion, has a reasonable belief that the Requestor is in breach of this Agreement, it may chose among the following options: a) to investigate the matter, including on-site inspection for which Requestor shall provide access; b) to resolve the dispute by a plan of correction or other alternative; or c) to declare a breach and demand the return of any and all data released under this Agreement and to provide no further data.
- 6. Other Remedies: Notwithstanding and in addition to the special provisions referenced in paragraph 4. above, MHCC may exercise any and all legal, equitable, and criminal referral remedies in the event of a breach of this Agreement. In the event that MHCC succeeds in a court action to invoke injunctive relief for a violation of this Agreement, Requestor shall pay reasonable attorney's fees and costs to MHCC. Requestor agrees to

- indemnify and hold harmless MHCC for any harm to third parties resulting from any breach by Requestor of the terms of this Agreement and to cooperate with the MHCC in its defense of any third party claim involving Requestor's activities under this Agreement.
- 7. **Rights in Data:** The Requestor agrees that MHCC retains all ownership rights to the data files referenced by this Agreement and does not obtain any right, title, or interest in the data furnished by MHCC. Requestor agrees to provide a copy of its study findings to MHCC prior to publishing. The Requestor must obtain MHCC approval before study findings may be published.
- 8. **2-Year Retention:** The terms of this Agreement are valid for 2 years from the date of signing and additional time for data use will require Requestor to submit a new IRB application. *Upon expiration of this Agreement, Requestor must provide MHCC with verification that the data has been destroyed (see Part E of this Agreement).*
- 9. **Modification:** The terms of this Agreement may only be changed by a written modification to this Agreement, or by the parties adopting a new Agreement.
- 10. **Jurisdiction:** The terms of this Agreement shall be governed by the laws of Maryland and Requestor acknowledges doing business in Maryland and agrees to submit to the jurisdiction of the courts of Maryland in the event of an alleged breach of this Agreement.
- 11. **Custodian:** The "Custodian" of the files who acts on behalf of the Requestor will be personally responsible for the protection of confidentiality, security of the data, and all other obligations under this Agreement.

The undersigned Requestor hereby attests authorization to enter into this Agreement and agrees to all the terms

12. Acknowledgements and Signatures.

| specified herein. | | |
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| | | |
| Name | | |
| | | |
| | | |
| | | |
| Name and Title of Requestor Typed or Printed | | Date |
| | | |
| Signature | | |

| the Requestor, and agrees personally and in a representative c | apacity | to comply | with a | I of the | provisions, |
|---|----------|---------------|----------|----------|-------------|
| conditions, and terms of this Agreement. | | | | | |
| | | | | | |
| | | | | | |
| Name | | | | | |
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| Name and Title of Custodian Typed or Printed | | | Date | ŀ | |
| | | | | | |
| | | | | | |
| Signature | | | | | |
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| | | | | | |
| On behalf of MHCC, the undersigned individual hereby attests author | rization | to enter into | o this A | greemen | t. |
| | | | | | |
| | | | | | |
| Name | | | | | |
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| | _ | | | | |
| Name and Title of MHCC Representative Typed or Printed | | | Date | ١ | |
| | | | | | |
| Signature | | | | | |
| Ben Steffen, Deputy Director | | | | | |
| Data Systems & Analysis | | | | | |
| | | | | | |
| Maryland Health Care Commission | | | | | |
| 4160 Patterson Avenue | | | | | |
| Baltimore, MD 21215 | | | | | |

The Custodian acknowledges appointment as Custodian of the aforesaid data, files and information on behalf of

PART D

Requestor/ Appointed Authority (signature)

MHCC Statement of Confidentiality

The Maryland Health Care Commission (MHCC) follows strict procedures to protect the confidentiality of information in the data bases it maintains. The undersigned certifies that the confidentiality of information provided from MHCC will be carefully guarded with access limited to only the participants named in this data Application. It is the responsibility of the undersigned to obtain a statement of confidentiality from their organization for the individuals with access to the data supplied by MHCC.

This statement affirms that this application contains no willful misrepresentations or falsifications and that the information provided in this application is true and complete to the best of knowledge and belief.

| application will be rejected. | |
|---|--|
| | |
| Organization Name | |
| | |
| Requestor/ Appointed Authority (printed name) | |
| | |

Date

I fully understand that should the IRB become aware of misrepresentations or falsifications of this organization, this

PART E

Please print on Organization Letterhead.

Certification of Data Destruction

| Ι, | | | | represe | nting | |
|--------------|--|-------------------|------------------|-----------------|--------------------|-----------------|
| (Nan | ne of Custodian) | | | | | |
| | | | | | | |
| (Alan | on of Organization) | | | certify that | the following | |
| - | ne of Organization) ealth Care Comm | nission data reco | ords have been d | lestroyed Plea | ee identify deetri | iction method |
| waryiana n | eaith Care Comm | iission data recc | nus nave been c | lestroyed. Tiea | se identity destru | iction metrica. |
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| (NOTE: "Ins | <mark>ert" key must be</mark> | on to overwrite | e box with "X"). | | | |
| Profession | onal Services from | the Medical Care | Data Base | | | |
| 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| Other | | | | | - | |
| Prescript | tion Drugs from the | Medical Care Da | ta Base | | | |
| 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
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| SubAcute | o Suprov | | | | | |
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| 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
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| DC Hosp | oital Discharge Data | <u> </u> | | | | |
| 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| Other | | | | | - | |
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| This Certifi | cate of Destruc | tion closes the | corresponding | Data Use Agr | eement(s). | |
| Onnonination | Nama | | | | | |
| Organization | Name | | | | | |
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| Requestor/ A | ppointed Authority | (printed name) | | | | |
| • | • | - , | | | | |
| | | | | | | |
| Requestor/ A | ppointed Authority | (signature) | | | Date | |

PART F

| Please specify CD format: \square zipped SAS data file \square z | zipped Microsoft Access file Luzipped M | licrosoft Excel file |
|--|---|----------------------|
|--|---|----------------------|

| | I |
|------------------------------------|-----------------------------|
| MEDICAL CARE DATA BASE | MEDICAL CARE DATA BASE |
| Professional Services | MCDB Prescription Drugs |
| Patient ID (encrypted) | Patient ID (encrypted) |
| Patient Month/Year of Birth | Patient Sex |
| Patient Sex | Patient Zip Code |
| Patient Zip Code | Patient Month/Year of Birth |
| Patient Covered by Other Insurance | NCPDP Number |
| Coverage Type | Pharmacy Zip Code |
| Delivery System Type | Practitioner DEA # |
| Claim Related Condition | NDC Code |
| Practitioner Federal Tax ID | Drug Compound |
| Participating Provider Flag | Drug Quantity |
| Type of Bill | Drug Supply |
| Claim Control Number | Date Filled (CCYYMMDD) |
| Claim Paid Date (CCYYMMDD) | Patient Liability |
| Number of Diagnosis Codes | Billed Charge |
| Number of Line Items | Reimbursement Amount |
| Diagnosis Codes 1 thru 10 | |
| Service From Date | |
| Service Thru Date | |
| Place of Service | |
| Service Location Zip Code | |
| Service Unit Indicator | |
| Units | |
| Procedure Code | |
| Modifier I | |
| Modifier II | |
| Servicing Practitioner ID | |
| Billed Charge | |
| Allowed Amount | |
| Reimbursement Amount | |
| Patient Liability | |

| Maryland S | SubAcute Survey |
|--|---|
| Identification Number | Other Skin Conditions |
| Facility ID | Burns (Second/Third Degree) |
| Length of Service | Open Lesion (Other than Ulcer) |
| Start of Service | Skin Tears or Cuts (other than surgery-related) |
| End of Service | Surgical Wounds |
| Demographic Information | Therapies Provided |
| Gender | Speech-Language Pathology & Audiology |
| Race | Occupational Therapy |
| Estimated Age in Years | Physical Therapy |
| Ethnicity | Respiratory Therapy |
| Area (County of Residence) | Special Treatments & Procedures |
| Zip Code | IV Chemotherapy |
| Marital Status | Intravenous Med. Admin. (IV Push) |
| Living Situation Prior to Current Referral | PPO Med. Admin. |
| Treatment Plan Goal | IM/SQ Med. Admin. |
| Admission Information | Administration of Nutrients/Fluids |
| Source of Admission | Hyperalimentation |
| Principal & Other Diagnoses | Intravenous Fluid Admin. |
| Principal (ICD-9) Diagnosis on Admission | Tube Feeding |
| Other (ICD-9) Diagnosis on Admission | Monitoring |
| End of Service Information | Anticoagulation Monitoring |
| Early or Unplanned Discharge | Blood Sugar Monitoring |
| Reason for Discharge | Apnea Monitoring |
| Discharge Destination | Blood Gas Monitoring/ Pulse Oxymetry |
| Cognitive Patterns | Cardiac Monitoring |
| Comatose | Care of Tubes/Catheters (Frequency of Treatment) |
| Memory/Orientation | Chest Tube Drainage |
| Cognitive Skills for Daily Decision Making | Other Drainage Tube |
| ADLS (Activities of Daily Living) | Percutaneous Catheters |
| Bed Mobility | Tracheotomy Care |
| Transfer | Indwelling Urinary Catheter/Irrigation |
| Eating | Peripheral IV, PICC, or Central IV Line |
| Toilet Use | Other Treatments (Frequency & Total Number of Days) |
| Skin Condition | Blood Transfusion |
| Stage 2 (Number of Sites) | Hemodialysis |
| Stage 3(Number of Sites) | Oxygen Therapy |
| Stage 4(Number of Sites) | Peritoneal Dialysis |
| Type of Ulcer | Suctioning |
| Pressure Ulcer | Surgical Wound Care |
| Stasis Ulcer | Ulcer Care |
| | Ventilator Care |
| Continued in next column | Ventilator Weaning |
| | Radiation Therapy |

WASHINGTON DC/ MARYLAND INPATIENT DATA FILE CROSSWALK

| | DC Field Name | MD Field Name | DC Description |
|-----|------------------|------------------|--|
| 1. | fac | HOSPID | HCIA Facility ID used to link tables |
| 2. | dkey | | HCIA Patient Identifier used to link tables |
| 3. | fiscalyear | | HCFA Fiscal Year |
| 4. | hospstateabbr | | Hospital's State abbreviation |
| 5. | patstabbr | | Patient's State abbreviation |
| 6. | patcnty | | Patient's FIPS County Code |
| 7. | patzip | ZIPCODE | Patient's Zip Code |
| 8. | patzipext | | Patient's Zip Code Extension |
| 9. | patcont | | Patient Control Number; available to client only (null for competitors) |
| 10. | mrn | | Patient Medical Record Number; available to client only (null for competitors) |
| 11. | aged | AGE_DAYS | Age in Days |
| 12. | agem | | Age in Months |
| 13. | age | AGE | Age in Years |
| 14. | sex | GENDER | Patient's Sex: |
| 15. | race | RACE | Patient's Race: |
| 16. | asource | SRC_ADM | Admission Source: |
| 17. | atype | NATADM | Admission Type: |
| 18. | ddat | DISCDATE | Date of Discharge |
| 19. | pstat | PAT_DISP | UB-92 Disposition Status: |
| 20. | mdc | MDC | HCFA MDC |
| 21. | dc_drg | DRG | HCFA DRG |
| 22. | rdrg | | RDRG |
| 23. | servline | | HCIA Service Line Codes: |
| 24. | los | LOS | Length of Stay |
| 25. | charge | TOT_CHG | Actual values if client hospital; competitors will have values based on state rules (aggregates will be determined at DRG level) |
| 26. | asourcetype | | Admission Source Type: |
| 27. | | | N = Newborn |
| 28. | | | O = Other |
| 29. | ppayercode | | State-specific Primary Payer Code |
| 30. | pphysdocid | ATTENPHY | Raw Attending Physician ID as submitted |
| 31. | ррх | | ICD-9-CM Principle Procedure Code |
| 32. | pdx | | ICD-9-CM Principle Diagnosis Code |
| 33. | birthwt | BIRTH_WT | Birth Weight in grams |
| 34. | adat | ADMTDATE | Admission Date / Start of care |

| | DC Field Name | MD Field Name | DC Description |
|------------|------------------|------------------|--|
| 35. | adx | | Admitting (primary) ICD-9-CM Diagnosis |
| 36. | riskc | | Risk of Complications (RACI) |
| 37. | riskm | | Risk of Mortality (RAMI) |
| 38. | ccflag | | 1 If patient experienced a complication, 0 Otherwise |
| 39. | mortflag | | 1 If patient died, 0 Otherwise |
| 40. | routine_chrg | | Routine Charge - if client hospital then actual values |
| 41. | icu_ccu_chrg | | ICU/CCU Charge - if client hospital then actual values |
| 42. | surg_chrg | | Surgical Charge - if client hospital then actual values |
| 43. | lab_chrg | LAB_CHG | Lab & Blood Charge - if client hospital then actual |
| 44. | pharm_chrg | DRUG_CHG | Pharmacy Charge - if client hospital then actual values |
| 45. | rad_chrg | RAD_CHG | Radiology Charge - if client hospital then actual values |
| 46. | resp_chrg | RESP_CHG | Respiratory Charge - if client hospital then actual |
| 47. | therapy_chrg | THRP_CHG | Therapy Charge - if client hospital then actual values |
| 48. | supp_chrg | SUP_CHG | Supplies Charge - if client hospital then actual values |
| 49. | oth_chrg | OTR_CHG | Other Charges - if client hospital then actual values |
| 50. | dx01 | PRINDIAG | ICD-9-CM Diagnosis Code |
| 51. | dx02 | DIAG1 | ICD-9-CM Diagnosis Code |
| 52. | dx03 | DIAG2 | ICD-9-CM Diagnosis Code |
| 53. | dx04 | DIAG3 | ICD-9-CM Diagnosis Code |
| 54. | dx05 | DIAG4 | ICD-9-CM Diagnosis Code |
| 55. | dx06 | DIAG5 | ICD-9-CM Diagnosis Code |
| 56. | dx07 | DIAG6 | ICD-9-CM Diagnosis Code |
| 57. | dx08 | DIAG7 | ICD-9-CM Diagnosis Code |
| 58. 59. | dx09 dx10 | DIAG8 DIAG9 | ICD-9-CM Diagnosis Code ICD-9-CM Diagnosis Code |
| 60. | dx11 | DIAG10 | ICD-9-CM Diagnosis Code |
| 61. | dx12 | DIAG10 DIAG11 | ICD-9-CM Diagnosis Code |
| 62. | dx13 | DIAG11 | ICD-9-CM Diagnosis Code |
| 63. | dx14 | DIAG13 | ICD-9-CM Diagnosis Code |
| 64. | dx15 | DIAG14 | ICD-9-CM Diagnosis Code |
| 65. | dx16 | | ICD-9-CM Diagnosis Code |
| 66. | dx17 | | ICD-9-CM Diagnosis Code |
| 67. | dx18 | | ICD-9-CM Diagnosis Code |

| | DC Field Name | MD Field Name | DC Description |
|------------|------------------|------------------|--|
| 68. | dx19 | | ICD-9-CM Diagnosis Code |
| 69. | dx20 | | ICD-9-CM Diagnosis Code |
| 70. | dx21 | | ICD-9-CM Diagnosis Code |
| 71. | dx22 | | ICD-9-CM Diagnosis Code |
| 72. | dx23 | | ICD-9-CM Diagnosis Code |
| 73. 74. | dx24 | PRINPROC | ICD-9-CM Diagnosis Code ICD-9-CM Procedure Code |
| 75. | px01 px02 | O_PROC2 | ICD-9-CM Procedure Code ICD-9-CM Procedure Code |
| | · | | |
| 76. | px03 | O_PROC3 | ICD-9-CM Procedure Code |
| 77. | px04 | O_PROC4 | ICD-9-CM Procedure Code |
| 78. | px05 | O_PROC5 | ICD-9-CM Procedure Code |
| 79. | px06 | O_PROC6 | ICD-9-CM Procedure Code |
| 80. | px07 | O_PROC7 | ICD-9-CM Procedure Code |
| 81. | px08 | O_PROC8 | ICD-9-CM Procedure Code |
| 82. | px09 | O_PROC9 | ICD-9-CM Procedure Code |
| 83. | px10 | O_PROC10 | ICD-9-CM Procedure Code |
| 84. | px11 | O_PROC11 | ICD-9-CM Procedure Code |
| 85. | px12 | O_PROC12 | ICD-9-CM Procedure Code |
| 86. | px13 | O_PROC13 | ICD-9-CM Procedure Code |
| 87. | px14 | O_PROC14 | ICD-9-CM Procedure Code |
| 88. | px15 | O_PROC15 | ICD-9-CM Procedure Code |
| 89. | px16 | | ICD-9-CM Procedure Code |
| 90. | px17 | | ICD-9-CM Procedure Code |
| 91. | px18 | | ICD-9-CM Procedure Code |
| 92. | px19 | | ICD-9-CM Procedure Code |
| 93. | px20 | | ICD-9-CM Procedure Code |
| 94. | px21 | | ICD-9-CM Procedure Code |
| 95. | px22 | | ICD-9-CM Procedure Code |
| 96. | px23 | | ICD-9-CM Procedure Code |
| 97. | px24 | | ICD-9-CM Procedure Code |
| 98. | pxd01 | | Days from admit to procedure |
| 99. | pxd02 | | Days from admit to procedure |
| 100. | pxd03 | | Days from admit to procedure |

| | DC Field Name | MD Field Name | DC Description |
|------|------------------|------------------|------------------------------|
| 101. | pxd04 | | Days from admit to procedure |
| 102. | pxd05 | | Days from admit to procedure |
| 103. | pxd06 | | Days from admit to procedure |
| 104. | pxd07 | | Days from admit to procedure |
| 105. | pxd08 | | Days from admit to procedure |
| 106. | pxd09 | | Days from admit to procedure |
| 107. | pxd10 | | Days from admit to procedure |
| 108. | pxd11 | | Days from admit to procedure |
| 109. | pxd12 | | Days from admit to procedure |
| 110. | pxd13 | | Days from admit to procedure |
| 111. | pxd14 | | Days from admit to procedure |
| 112. | pxd15 | | Days from admit to procedure |
| 113. | pxd16 | | Days from admit to procedure |
| 114. | pxd17 | | Days from admit to procedure |
| 115. | pxd18 | | Days from admit to procedure |
| 116. | pxd19 | | Days from admit to procedure |
| 117. | pxd20 | | Days from admit to procedure |
| 118. | pxd21 | | Days from admit to procedure |
| 119. | pxd22 | | Days from admit to procedure |
| 120. | pxd23 | | Days from admit to procedure |
| 121. | pxd24 | | Days from admit to procedure |
| 122. | hospcnty | | Hospital County Code |
| 123. | hospname | | Hospital Name |
| 124. | prj_factor | | Projection Factor |
| 125. | payerdesc | | Payer Description |

| | DC Field Name | MD Field Name | DC Description |
|------|------------------|------------------|---|
| 126. | county_name | | County Name |
| 127. | exp_los | | Expected Length of Stay |
| 128. | exp_chrg | | Expected Charge |
| 129. | rdrg_desc | | RDRG Description |
| 130. | payercode1 | PAY_SRC | State-specific payer code. Valid Values: |
| 131. | payersubcode1 | | Payer subclassification code. Valid Values: |
| 132. | payercode2 | PAYER2 | Payer 2 - same values as payercode 1 |
| 133. | payersubcode2 | | Payer 2 Subcode - same values as payersubcode 1 |
| 134. | payercode3 | | Payer 3 - same values as payercode 1 |
| 135. | payersubcode3 | | Payer 3 Subcode - same values as payersubcode 1 |
| 136. | physdocid1 | | Physician 1 - attending physician |
| 137. | physdocid2 | | Physician 2 - second attending physician, primary surgeon |
| 138. | physdocid3 | | Physician 3 - second other physician or surgeon |
| 139. | apdrg | | APDRG |
| 140. | ane_typ | | Anesthesia type. Valid Values: |
| 141. | apgar | | Infant APGAR 5 Minute score |
| 142. | asa-ps | | ASA- PS Class. Valid values: |
| 143. | billtype | | Bill type |
| 144. | condition | | Condtion Code |
| 145. | dob | DOB | Patient's date of birth |
| 146. | employ_status | | Employment Status: |
| 147. | emp_nam | | Employer's Name |
| 148. | pat_occupation | | Patient's Occupation |
| 149. | pat_work_zip | | Patient's Work Site Zip Code if Applicable |
| 150. | pat_marital_stat | MAR_STAT | Patient's Marital Status: |
| 151. | pat_wait_snf | | Days Patient Waiting Placement to SNF |
| 152. | pat_wait_icf | | Days Patient Waiting Placement to ICF |
| 153. | pat_rel_insured | | Patient's Relationship to the Insured: |
| 154. | pat_rel_insured2 | | Patient's Relationship to the Insured Payer 2: |
| 155. | pat_rel_insured3 | | Patient's Relationship to the Insured Payer 3: |
| 156. | smoking_ind | | Smoking Indicator: |
| 157. | not_res | | Do not resuscitate Indicator |
| 158. | area_res | | Patient's Area of Residence |

| | DC Field Name | MD Field Name | DC Description |
|------|------------------|----------------------|-------------------|
| 159. | | Additional Variables | |
| 160. | gender | | |
| 161. | natadm | | |
| 162. | race | | |
| 163. | src_adm | | |
| 164. | mar_stat | | |
| 165. | pay_src | | |
| 166. | payer2 | | |
| 167. | pat_disp | | |
| 168. | pds | | |
| 169. | hospid | | |
| 170. | drg | | |
| 171. | area_res | | |
| 172. | medicare | | |
| 173. | dis_mon | | |
| 174. | dis_day | | |
| 175. | dis_year | | |
| 176. | | | |
| 177. | FILLER | | |
| 178. | | | |